Geography The Spokane Valley-Rathdrum Prairie square miles in Washington, including ▲ Aguifer flows beneath a broad valley the Spokane Valley. The valley walls are Blanchard Lk that slopes downward from Lake Pend composed of rocks and clay that continue Oreille to downtown Spokane, losing below the ground surface to form the almost 700 feet in elevation. The basalt edges of the Aquifer. Relatively flat basalt formation that creates Spokane Falls plateaus such as Five Mile Prairie and the end Oreille Spirit Lake diverts the Aquifer flow north after Columbia Plateau rise hundreds of feet 2585 ft downtown Spokane. Five Mile Prairie above the valley. splits the Aquifer flow from downtown Spokane with the Hillyard Trough to the The Bitterroot Mountains east of Rathdrum east and the Spokane River valley to the Prairie and the Selkirk Mountains along west. North of downtown Spokane the the Washington - Idaho border form surface elevation rises and then drops other Aquifer edges. These mountains steeply at the confluence of the Spokane are more than 2,000 feet higher than the Several lakes are situated in the and Little Spokane Rivers. In general, the basalt plateau to the southwest, so clouds mountains around the borders of higher the surface elevation, the greater carried by the prevailing southwesterly the Aquifer. The two largest lakes, the depth to the Aquifer. winds must rise when they reach the Pend Oreille and Coeur d'Alene, fill mountains. As the clouds climb they deep troughs and contribute water The valley above the Aquifer covers release more precipitation, often as snow, to the Aquifer through subsurface approximately 202 square miles in Idaho, which provides significant recharge to the flow. The surface outlet for Lake including the Rathdrum Prairie, and 120 Aquifer during the spring. Pend Oreille is the Pend Oreille River that drains to the north, away from SELKIRK the Aquifer. The surface outlet for Lake Coeur d'Alene is the Spokane River, which is the only watercourse over the Aquifer that remains on the surface for an extended distance. Hayde Prairie **Dalton Gardens** SPOKANEVAL 2300 ft Liberty La Spokane Valley Airway Heights City of Spokane Few streams flowing out of the 2125 ft surrounding highlands actually reach the river. These streams contact the coarse, gravelly soils overlying the Aquifer and disappear, percolating downward.